

PC1 TASK CHAIR SPECIFICATIONS

January 29, 2003

CHAIR SPECIFICATIONS

- 1) Suspa #C19-62220, gas lift, 50 mm, 17-4, pneumatic lift.
- 2) Gordon 5601 control (N14162) with the following features:
 - a) Control swivels and tilts.
 - b) "Knee-tilt" action with seat tilt fulcrum 6-3/4" forward of the gas lift centerline.
 - c) At-rest seat position lever selects any one of three positions, -2°, +1/2°, or +3°.
 - d) Back tilts 2° for each 1° of seat-tilt. Back tilt range 22 degrees.
 - e) Seat tilt range: negative 2 degrees to positive 9 degrees.
 - f) Six seat tilt lock positions with non-rebound feature.
 - g) Tilt tension adjustment handwheel.
 - h) Seat depth adjustment: 2-3/8" travel in 3/8" increments with activation paddle at the front, left side of the mechanism.
 - i) Separate paddle to activate pneumatic lift.
 - j) Graphic icons on all actuator paddles to indicate their function.
 - k) Black matte finish, including textured actuator paddles.
- 3) Textured black three-section telescoping cover over pneumatic lift. (L&P #N42833)
- 4) Seat 19 1/2"d. x 20 1/2"w. (upholstered). Ergonomically contoured polypropylene (gray) outer seat shell molded to accept (6) 1/4-20 flanged nuts for attaching arms and mechanism with waterfall front edge. Black inner polypropylene seat pan ribbed for reinforcement and flexible front edge. Outer seat shell & inner seat pan material specifications: Density-0.899 g/cm³, tensile strength- 250 kg/cm², flexural strength: 10500 kg/cm², Rockwell Hardness- 82 Rr, Izod Impact test (notched) – 7 kg * cm/cm
- 5) Seat foam. Molded HR foam, meeting CAL 117 fire code. Foam thickness: 2 1/2" thick
- 6) Back. 22" wide x 27" high (22" from seat to top of back) (2) piece construction injection molded nylon back frame (Gray). Frame is an open style frame designed to accept a polyester weave mesh upholstery. Back Frame is ergonomically contoured with a defined lumbar support region. Injection molded nylon outer cover mechanically fastened to injection molded nylon inner frame at 10 anchor locations. Inner frame contoured to accept a rubber spline around back frame perimeter. Inner nylon frame is reinforced by two 1/8" x 1/2" x 20" steel rods. Steel rods are positioned at the left and right side and positioned vertically. The inner frame is secured to the control assembly at four molded anchor locations. Nylon material specifications: 60% Nylon 30% Glass Filled (Fiber) 10% Lubricant
- 7) Lumbar Support: 3/8" thick 5-layer ergonomically contoured gum wood pad (15 1/2" x 4 11/16"). Wood includes two slots for a vertical adjustment range of 2". Outer diameter of wood pad is protected by 1/8" high impact polystyrene black cover.
- 8) Lumbar Foam: 16 5/8" x 5 3/4" x 1" Fabricated foam. Material: L& P 25533 RE YL. Density: 2.50 pcf min.

- 9) Back attachment weldment. Color matched (gray), 4" x 8mm high strength steel welded to 2.0mm contoured oval steel tube. Tube dimensions: 13/16" x 1 1/2" x 19 1/4". Attaches to control mechanism with three 3/8-24 bolts & nut fasteners w/ nut retainer plate. Tube designed to mate to left and right handed "L" shaped steel reinforced nylon housings. Nylon housings are mechanically fastened to back assembly at four locations.
- 10) 75mm color matched (gray) dual wheel carpet casters.
- 11) Color matched (gray), 5-leg intensive-use aluminum base. 26" diameter at caster centers. Matte finish.
- 12) Chair Measurements. As measured with BIFMA Chair measuring device (CMD)
 - A. Backrest height (from seat to top of back rest): 22"
 - B. Seat Height: 17 1/2" to 22 1/4"
 - C. Seat Depth: 19 1/2" to 21 1/2"
 - D. Seat Width: 20 1/2"
 - E. Backrest to seat angle: 90 to 112 degrees

ARM SPECIFICATIONS

- 13) Arm Pads. 3 1/2"x10 7/8"x1-1/2", ergonomically contoured, black polyurethane covered. Foam core.
- 14) Arms. Color matched (gray) nylon arms. 1 1/2" arm width adjustment and 2 1/2" height adjustment. Push button height adjustment and lever actuated width adjustment with high-performance polymer levers and steel wrapped housing. Steel arm housings welded to 4" x 8mm high strength steel bar. 4" steel bar mechanically fastened to polypropylene seat shell and control at (4) locations. Nylon material specifications: 60% Nylon 30% Glass Filled (Fiber) 10% Lubricant